

Assignment-04

1) use assignment4

```
> use assignment4  
switched to db assignment4
```

2) db.createCollection("Superherosquad")

```
> db.createCollection("Superherosquad")  
{ "ok" : 1 }
```

3) **Data:**

```
{  
  "name": "Molecule Man",  
  "age": 29,  
  "secretIdentity": "Dan Jukes",  
  "country": "USA",  
  "powers": [  
    "Radiation resistance",  
    "Turning tiny",  
    "Radiation blast"  
  ]  
}  
  
{  
  "name": "Madame Uppercut",  
  "age": 39,  
  "secretIdentity": "Jane Wilson",  
  "country": "China",  
  "powers": [  
    "Million tonne punch",  
    "Damage resistance",  
    "Superhuman reflexes"  
  ]  
}  
  
{  
  "name": "Eternal Flame",  
  "age": 1000000,  
  "secretIdentity": "Unknown",  
  "country": "Japan",  
  "powers": [  
    "Immortality",  
    "Heat Immunity",
```

```

        "Inferno",
        "Teleportation",
        "Interdimensional travel"
    ]
}
{
    "name": "Iron Man",
    "age": 29,
    "secretIdentity": "Max Douglas",
    "country": "Russia",
    "powers": [
        "Iron man suit",
        "Technology",
        "AI"
    ]
}

{
    "name": "Captain America",
    "age": 39,
    "secretIdentity": "Victor",
    "country": "Canad",
    "powers": [
        "Immortal",
        "Quick Healing",
        "Handsome"
    ]
}

```

4)

```

C:\Users\saich> mongoimport --db assignment4 --collection Superherosquad C:\Users\saich\OneDrive\Desktop\Superherosquad.
json
2020-11-28T19:24:18.799-0600    connected to: mongodb://localhost/
2020-11-28T19:24:18.801-0600    5 document(s) imported successfully. 0 document(s) failed to import.

```

5) db.Superherosquad.find({}, {"_id":0})

```
> db.Superherosquad.find({}, {"_id":0})
{ "name" : "Molecule Man", "age" : 29, "secretIdentity" : "Dan Jukes", "country" : "USA", "powers" : [ "Radiation resistance", "Turning tiny", "Radiation blast" ] }
{ "name" : "Eternal Flame", "age" : 1000000, "secretIdentity" : "Unknown", "country" : "Japan", "powers" : [ "Immortality", "Heat Immunity", "Inferno", "Teleportation", "Interdimensional travel" ] }
{ "name" : "Captain America", "age" : 39, "secretIdentity" : "Victor", "country" : "Canada", "powers" : [ "Immortal", "Quick Healing", "Handsome" ] }
{ "name" : "Madame Uppercut", "age" : 39, "secretIdentity" : "Jane Wilson", "country" : "China", "powers" : [ "Million tonne punch", "Damage resistance", "Superhuman reflexes" ] }
{ "name" : "Iron Man", "age" : 29, "secretIdentity" : "Max Douglas", "country" : "Russia", "powers" : [ "Iron man suit", "Technology", "AI" ] }
```

6) db.Superherosquad.insert({"name": "Batman", "age": 10, "secretIdentity": "Unknown", "country": "USA", "powers": ["Teleportation", "Interdimensional travel"]})

```
> db.Superherosquad.insert({"name": "Batman", "age": 10, "secretIdentity": "Unknown", "country": "USA", "powers": [ "Teleportation", "Interdimensional travel"]})
WriteResult({ "nInserted" : 1 })
```

7) db.Superherosquad.remove({"name" : "Batman"})

```
> db.Superherosquad.remove({"name" : "Batman"})
WriteResult({ "nRemoved" : 1 })
```

8) db.Superherosquad.update({"_id": ObjectId("5fc2f842785c2bd6071bc2bb")}, {\$set: {"country": "Canada"}})

```
> db.Superherosquad.update({"_id": ObjectId("5fc2f842785c2bd6071bc2bb")}, {$set: {"country": "Canada"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
```

db.Superherosquad.update(
{"_id": ObjectId("5fc2f842785c2bd6071bc2ba")},
{\$set: {"age": 50}}
)

```
> db.Superherosquad.update({"_id": ObjectId("5fc2f842785c2bd6071bc2ba")}, {$set: {"age": 50}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
```

9) db.Superherosquad.find({}, {"_id":0, "name":1, "age":1, "secretIdentity":1, "country":1}).pretty()

```

{
  "name" : "Molecule Man",
  "age" : 29,
  "secretIdentity" : "Dan Jukes",
  "country" : "USA"
}
{
  "name" : "Eternal Flame",
  "age" : 50,
  "secretIdentity" : "Unknown",
  "country" : "Japan"
}
{
  "name" : "Captain America",
  "age" : 39,
  "secretIdentity" : "Victor",
  "country" : "Canada"
}
{
  "name" : "Madame Uppercut",
  "age" : 39,
  "secretIdentity" : "Jane Wilson",
  "country" : "China"
}
{
  "name" : "Iron Man",
  "age" : 29,
  "secretIdentity" : "Max Douglas",
  "country" : "Russia"
}

```

10) db.Superherosquad.find({"powers":/^\I/})

```

> db.Superherosquad.find({"powers":/^\I/})
{ "_id" : ObjectId("5fc2f842785c2bd6071bc2ba"), "name" : "Eternal Flame", "age" : 50, "secretIdentity" : "Unknown", "country" : "Japan", "powers" : [ "Immortality", "Heat Immunity", "Inferno", "Teleportation", "Interdimensional Travel" ] }
{ "_id" : ObjectId("5fc2f842785c2bd6071bc2bb"), "name" : "Captain America", "age" : 39, "secretIdentity" : "Victor", "country" : "Canada", "powers" : [ "Immortal", "Quick Healing", "Handsome" ] }
{ "_id" : ObjectId("5fc2f842785c2bd6071bc2bd"), "name" : "Iron Man", "age" : 29, "secretIdentity" : "Max Douglas", "country" : "Russia", "powers" : [ "Iron man suit", "Technology", "AI" ] }

```